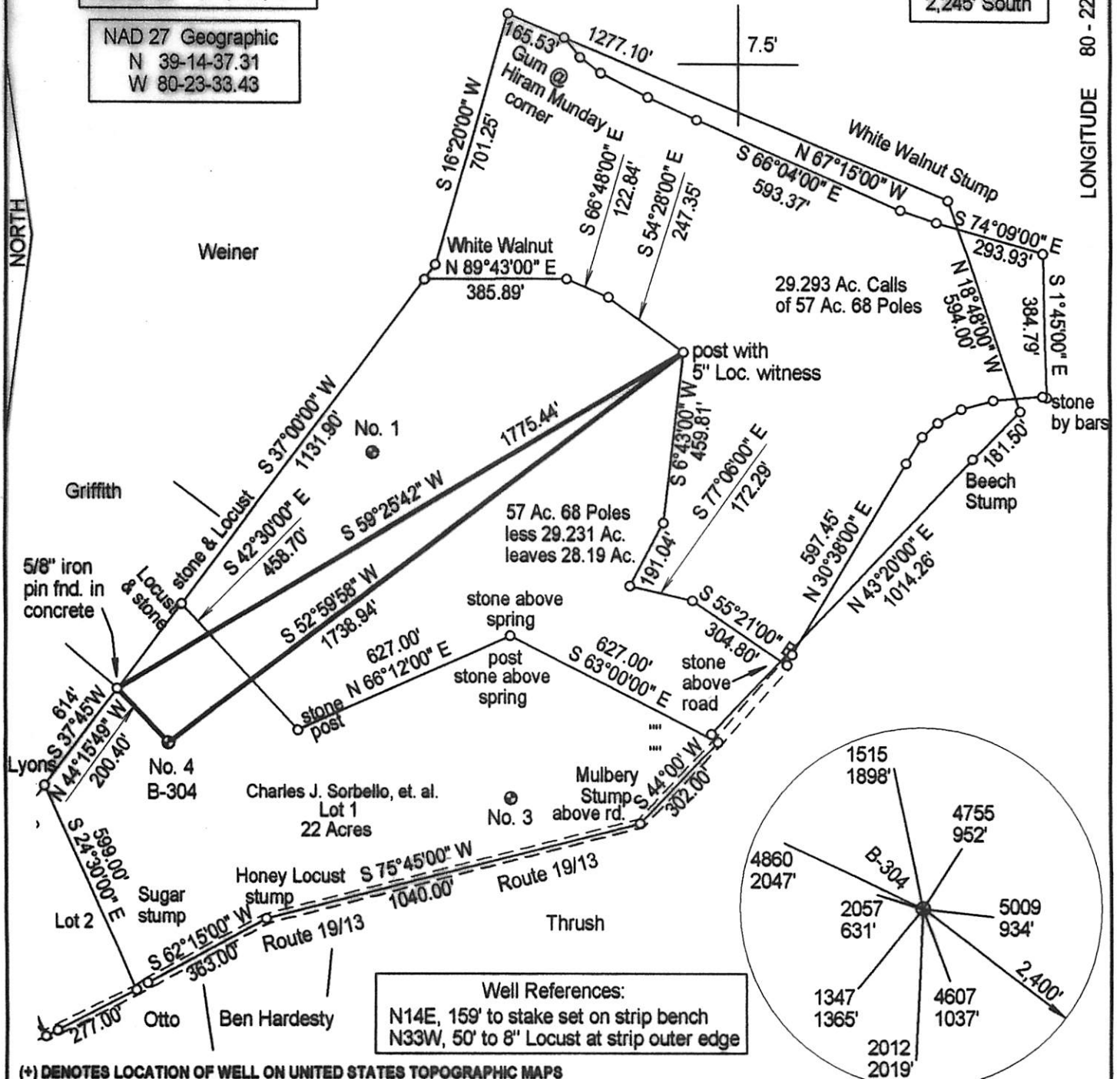


LATITUDE 39 - 15 - 00

NAD 27 SPC WV North
N 272,126 E 1,747,191NAD 27 Geographic
N 39-14-37.31
W 80-23-33.435,010' West
2,245' South

LONGITUDE 80 - 22 - 30

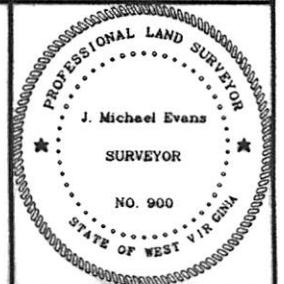


(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: M 346 P 38
 DRAWING NUMBER: bowsorbello4
 SCALE: 1" = 400'
 MINIMUM DEGREE OF ACCURACY: Sub-meter
 PROVEN SOURCE OF ELEVATION: DGPS Survey

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED) *J. Michael Evans*
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 26143-2606
 FORM WW-6

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: May 30, 2008
 OPERATORS WELL NO.: Sorbello 4
 API WELL NO. B-304
 47 - 033 - 05120
 STATE COUNTY PERMIT

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐
 (IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒
 LOCATION: ELEVATION 1,195 WATERSHED West Fork River
 DISTRICT Union COUNTY Harrison
 QUADRANGLE West Milford 7.5'

SURFACE OWNER Charles J. Sorbello, et. al.
 OIL & GAS ROYALTY OWNER Charles J. Sorbello, et. al.

LEASE NUMBER
 ACREAGE 22.22
 LEASE ACREAGE 22. + 26.769

PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐
 PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE (SPECIFY)

TARGET FORMATION Benson PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐
 ESTIMATED DEPTH 5,000'

WELL OPERATOR BOWIE, Incorporated DESIGNATED AGENT William Bowie
 ADDRESS Rt. 1, Box 559, Clarksburg, WV 26301 ADDRESS Rt. 1, Box 559, Clarksburg, WV 26301

COUNTY NAME
PERMIT

SURVEYED LONG. 80° 16' 04.8"
DEC. LONG. 80.26801

5035'

LATITUDE 39° 17' 30"

M. RENZELLI
107.89 ACRES±
SURFACE

GALAN LEASE 170 AC. ± WELL NO. 10

C. HARRON
60 ACRES±
SURFACE

H. ADAMS
35.538 ACRES±
SURFACE

M. SALIDA
0.874 AC. SUR.

F. SMITH
6.5 AC. SUR.

G. SMITH
2.64 AC. SUR.

S. TRINT
1.89 AC. SUR.

R. SHUTTLEWORTH
3.30 AC. SUR.

W. RENZELLI
0.47 AC. SUR.

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

W. DAVIS
11.089 ACRES±
SURFACE

OLD 100 ACRE TRACT

OLD 15 ACRE TRACT

OLD 51 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

OLD 15 ACRE TRACT

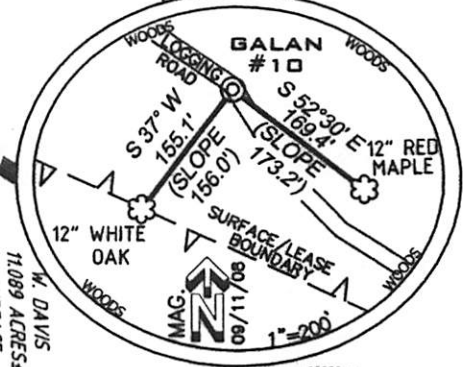
PROPOSED WELL
STATE PLANE NAD 27
COORDINATES
N: 279979
E: 1782552

JOSEPH & MARY
GALAN
170.0 ACRES±
SURFACE

J. FOLIO
26.26 ACRES±
SURFACE

MONOGRAM
LAND CO.
240.74 ACRES±
SURFACE

REFERENCES



REFERENCE NOTES

LEASE AS SHOWN TAKEN FROM
A TITLE OPINION DATED 06/19/04
PREPARED BY GARY MORRIS
LAWYER.

OWNERSHIP TAKEN FROM PUBLIC
RECORDS OF HARRISON COUNTY,
WV IN SEPTEMBER, 2005.

LAT./LONG. BY DIFFERENTIAL
SUBMETER MAPPING GRADE GPS

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER 050175
DRAWING NUMBER WP10(W12-24)
SCALE 1"=600'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUB-METER MAPPING
GRADE GPS

I THE UNDERSIGNED HEREBY CERTIFY THAT THIS PLAT IS CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE
INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND
PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S.
1008

Terry A. Shreve



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE SEPTEMBER 16, 2008

OPERATORS WELL NO. GALAN NO. 10

API WELL NO.

47-033 05173

STATE COUNTY PERMIT

CANCELLED

LOCATION ELEVATION 1190' WATERSHED TRIBUTARY OF ANN MOORE RUN

DISTRICT SIMPSON COUNTY HARRISON

QUADRANGLE CLARKSBURG 7.5' LEASE NUMBER

SURFACE OWNER JOSEPH M. & MARY L. GALAN ACREAGE 170±

OIL & GAS ROYALTY OWNER JOSEPH M. & MARY L. GALAN LEASE ACREAGE 170±

PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY)

PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION 5TH SAND ESTIMATED DEPTH 3000'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN

ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

COUNTY NAME

PERMIT

SURVEYED LONG. 80° 16' 02.0"
DEC. LONG. 80.26723

4810'

LATITUDE 39° 17' 30"

M. RENZELLI
107.89 ACRES±
SURFACE

GALAN LEASE
170 AC. ±
WELL NO. 11

C. HARRON
60 ACRES±
SURFACE

OLD 15
ACRE
TRACT

OLD 51 ACRE
TRACT

J. FOLIO
26.26 ACRES±
SURFACE

PROPOSED WELL
STATE PLANE NAD 27
COORDINATES
N: 278987
E: 1782766

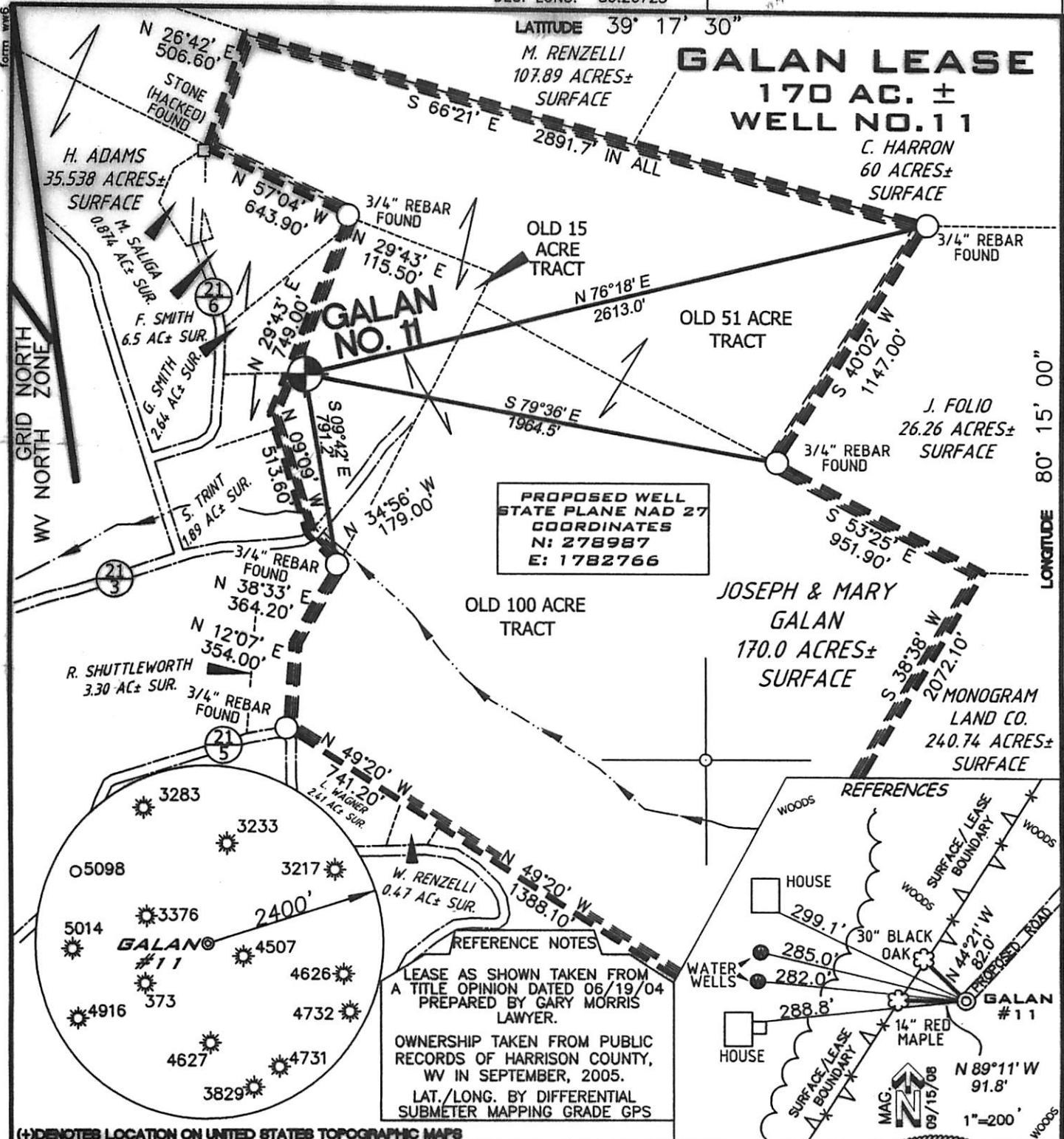
OLD 100 ACRE
TRACT

JOSEPH & MARY
GALAN
170.0 ACRES±
SURFACE

MONOGRAM
LAND CO.
240.74 ACRES±
SURFACE

LONGITUDE 80° 15' 00"

SURVEYED LAT. 39° 15' 48.4"
DEC. LAT. 39.26344



(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER 050175
DRAWING NUMBER WP11(W12-24)
SCALE 1"=600'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUB-METER MAPPING
GRADE GPS

I THE UNDERSIGNED HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 1006

Terry A. Shreve



LAND SURVEYING, LLC.
GRANTSVILLE, WV 26147
(304) 354-0065



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: SEPTEMBER 18, 2008

OPERATORS WELL NO. GALAN NO. 11

API WELL NO.

47-033

05174

STATE

COUNTY

PERMIT

LOCATION ELEVATION 1167' WATERSHED TRIBUTARY OF ANN MOORE RUN CANCELLED

DISTRICT

SIMPSON

COUNTY

HARRISON

QUADRANGLE

CLARKSBURG 7.5'

LEASE NUMBER

SURFACE OWNER JOSEPH M. & MARY L. GALAN

ACREAGE 170±

OIL & GAS ROYALTY OWNER JOSEPH M. & MARY L. GALAN

LEASE ACREAGE 170±

PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY)

PLUG & ABANDON

CLEAN OUT & REPLUG

TARGET FORMATION 5TH SAND

ESTIMATED DEPTH

3000'

WELL OPERATOR KEY OIL COMPANY

DESIGNATED AGENT

JAN CHAPMAN

ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

COUNTY NAME

PERMIT

NAD 27 GEO. COOR:

N 39-12-29.76
W 80-23-24.24

NAD 27 WV North Coor:

N 259,215.5 E 1,747,786.1

7.5'

LATITUDE 39 - 12 - 30

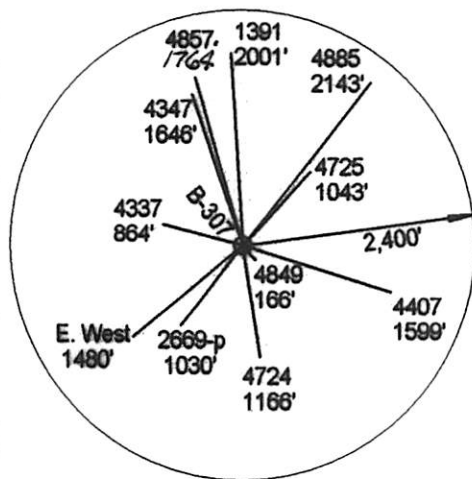
LONGITUDE 80 - 22 - 30

4,270' West
20' South

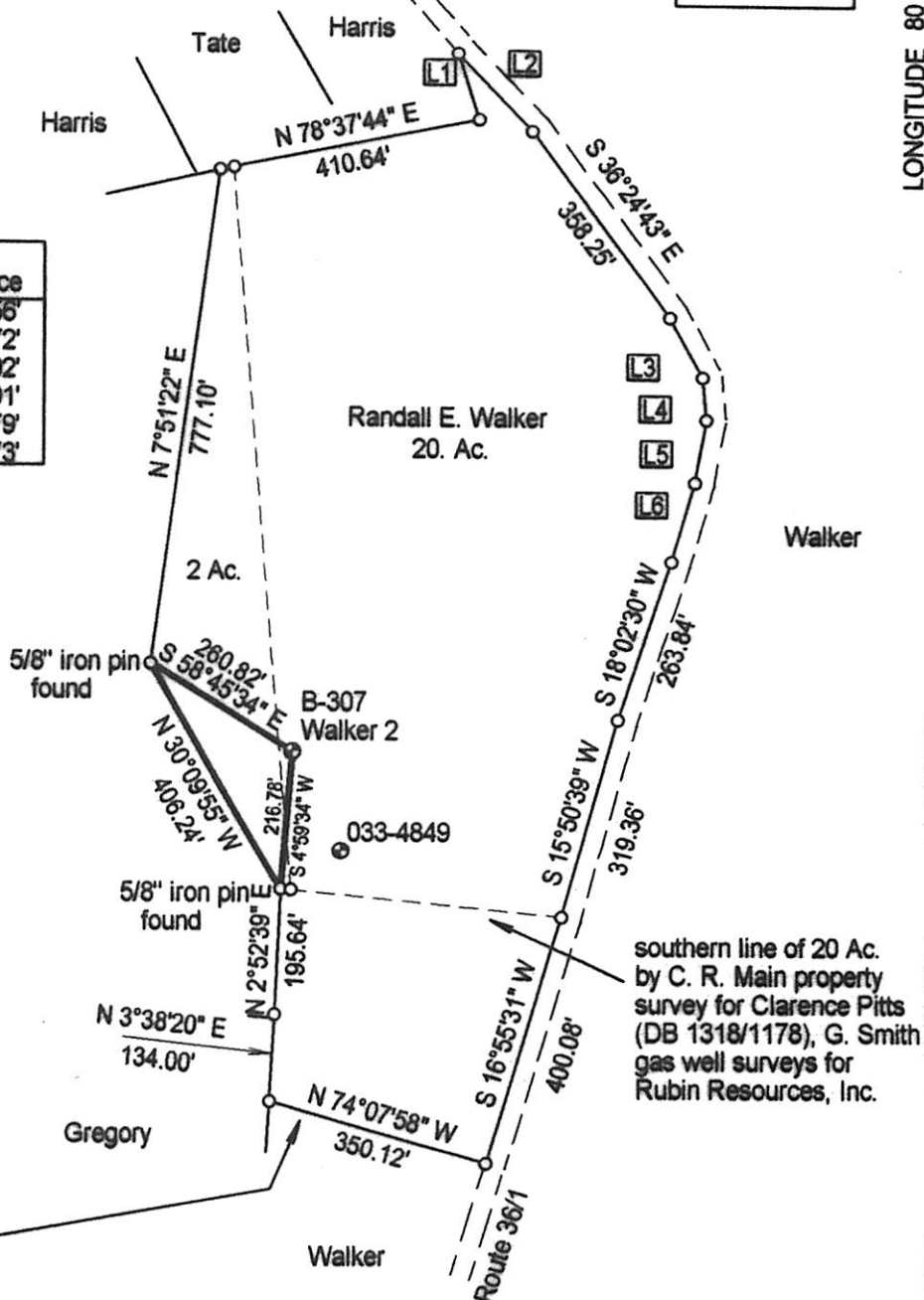
Well References:

N88W, 147' to 6" Red Maple
S37-45E, 165.6' to 033-4849

Property Lines		
Id	Bearing	Distance
L1	N 17°35'02" W	108.56'
L2	S 43°32'43" E	167.72'
L3	S 28°47'36" E	106.02'
L4	S 5°17'09" E	65.91'
L5	S 10°12'09" W	99.79'
L6	S 16°17'47" W	127.73'



Refer to H. D. Ward survey
for Randall E. Walker regard-
ing south line of 20 Acre tract.
(plat dated February 2007)



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: m 386 p 40
DRAWING NUMBER: bowrwalker2.pcs
SCALE: 1" = 300'
MINIMUM DEGREE
OF ACCURACY: sub-meter
PROVEN SOURCE
OF ELEVATION: DGPS Survey

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE
INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND
PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED)

J. Michael Evans, PS 900



PLACE SEAL HERE

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WV 25143-2508
FORM WW-6

LAND SURVEYING SERVICES
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

DATE: October 27, 2008

OPERATORS WELL NO.: R. Walker 2

API WELL NO. B-307

47 - 033 - 05179
STATE COUNTY PERMIT

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐
(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒

LOCATION: ELEVATION 1,035' WATERSHED West Fork River
DISTRICT Union COUNTY Harrison
QUADRANGLE West Milford 7.5' LEASE NUMBER

SURFACE OWNER Randall E. Walker ACREAGE 20

OIL & GAS ROYALTY OWNER Randall E. Walker, et. al. LEASE ACREAGE 20.

PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION ☐
PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE (SPECIFY)

TARGET FORMATION Marcellus PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐
ESTIMATED DEPTH 7,800'

WELL OPERATOR BOWIE, Incorporated DESIGNATED AGENT William Bowie
ADDRESS Rt. 1, Box 559, Clarksburg, WV 26301 ADDRESS Rt. 1, Box 559, Clarksburg, WV 26301

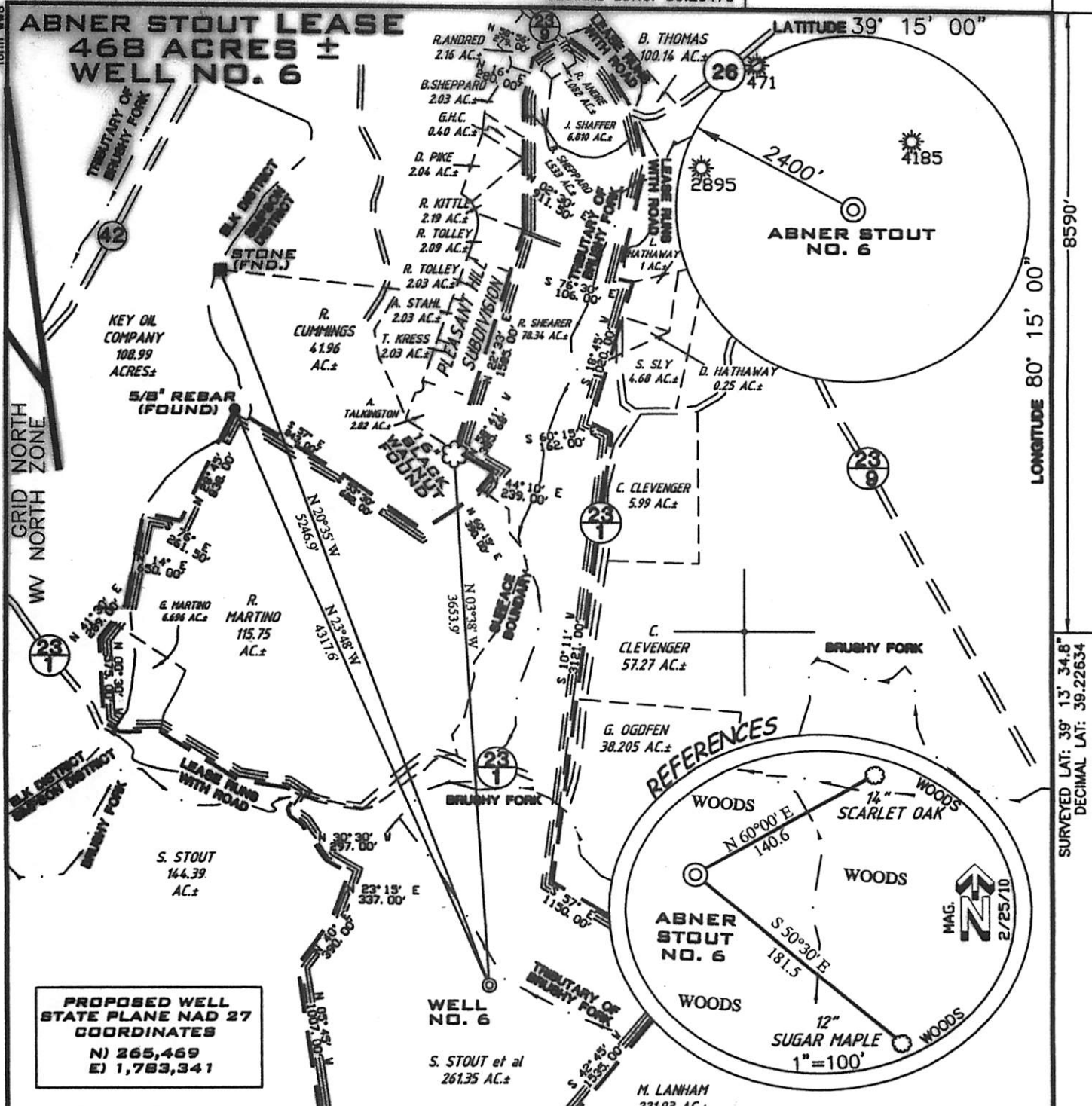
COUNTY NAME PERMIT

SURVEYED LONG: 80° 15' 53.2"
DECIMAL LONG: 80.26479

4170'

LATITUDE 39° 15' 00"

ABNER STOUT LEASE 468 ACRES ± WELL NO. 6



LONGITUDE 80° 15' 00"
SURVEYED LAT: 39° 13' 34.8"
DECIMAL LAT: 39.22634

PROPOSED WELL
STATE PLANE NAD 27
COORDINATES
N) 265,469
E) 1,783,341

(W) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER 080441 (WB13-36)
DRAWING NUMBER 080441_STOUT_WP6.dwg
SCALE 1"=1,000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING
GRADE MAPPING

I THE UNDERSIGNED HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 1006 *Ty A. Shreve*



LAND SURVEYING, LLC
GRANTSVILLE, WV 26147
(304) 354-0065



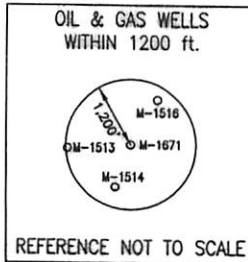
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: MARCH 26, 2010
OPERATORS WELL NO. ABNER STOUT NO. 6
API WELL NO.

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐
(IF "GAS") PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒
LOCATION ELEVATION 1065' WATERSHED TRIBUTARY OF BRUSHY FORK OF ELK CREEK
DISTRICT SIMPSON COUNTY HARRISON
QUADRANGLE MOUNT CLARE 7.5' LEASE NUMBER
SURFACE OWNER STEPHEN STOUT et al ACREAGE 261.35±
OIL & GAS ROYALTY OWNER STEPHEN STOUT et al LEASE ACREAGE 468±
PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD FORMATION ☐
PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE (SPECIFY)
PLUG & ABANDON ☐ CLEAN OUT & REPLUG ☐
TARGET FORMATION SYCAMORE GRIT ESTIMATED DEPTH 6500'
WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN
ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

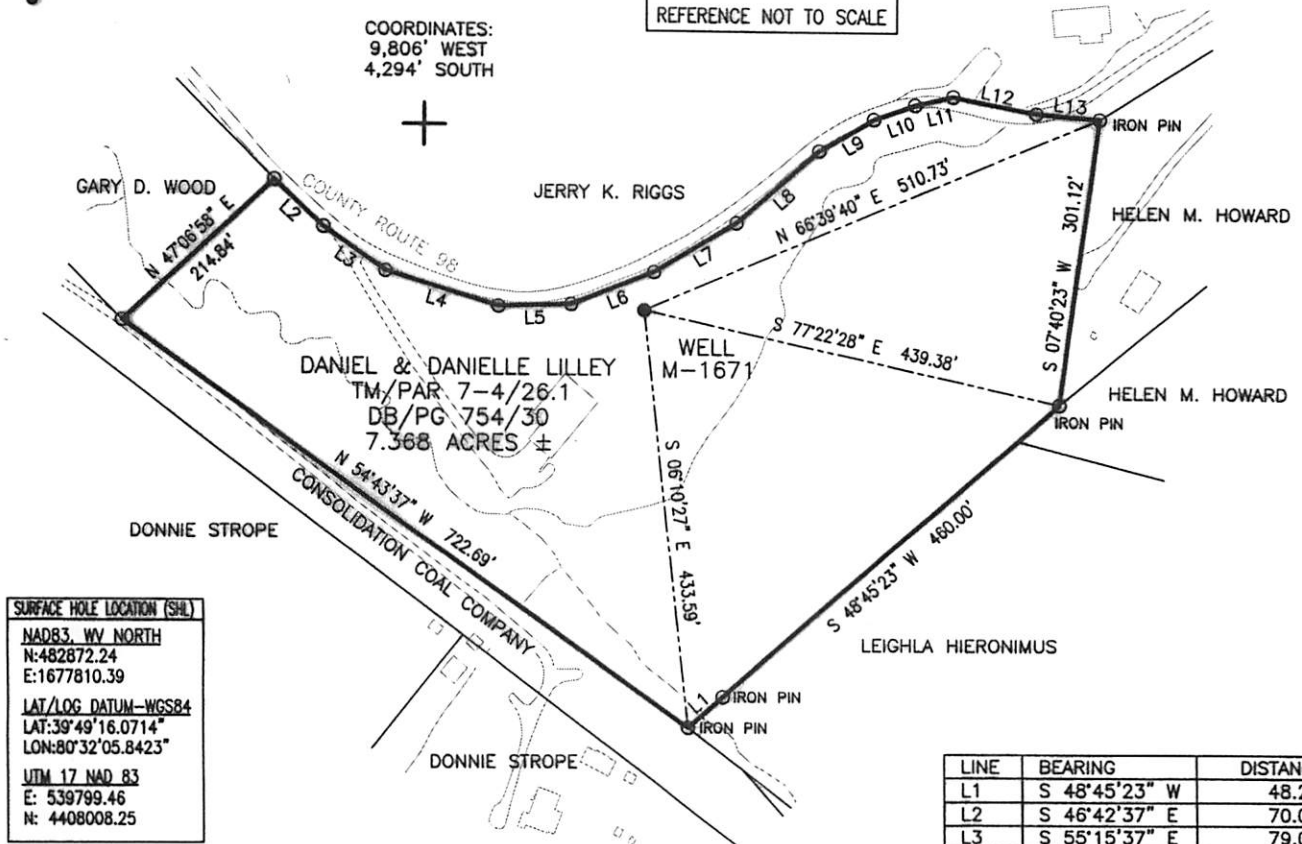
COUNTY NAME PERMIT

LATITUDE 39°50'00"



COORDINATES:
9,806' WEST
4,294' SOUTH

LONGITUDE 80°30'00"



SURFACE HOLE LOCATION (SHL)
NAD83, WV NORTH
N:482872.24
E:1677810.39
LAT/LOG DATUM-WGS84
LAT:39°49'16.0714"
LON:80°32'05.8423"
UTM 17 NAD 83
E: 539799.46
N: 4408008.25



NOTE:
It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LINE	BEARING	DISTANCE
L1	S 48°45'23" W	48.20'
L2	S 46°42'37" E	70.00'
L3	S 55°15'37" E	79.00'
L4	S 72°58'37" E	123.00'
L5	N 88°12'23" E	76.00'
L6	N 68°36'23" E	93.00'
L7	N 59°06'23" E	100.00'
L8	N 48°45'23" E	114.00'
L9	N 59°00'23" E	65.00'
L10	N 70°10'23" E	45.00'
L11	N 76°52'23" E	40.00'
L12	S 79°05'37" E	87.00'
L13	S 85°24'37" E	65.12'

FILE #: M-1671
DRAWING #: M-1671
SCALE: 1" = 200'
MINIMUM DEGREE
OF ACCURACY: 1/2500
PROVEN SOURCE
OF ELEVATION: U.S.G.S. MONUMENT
THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS
PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND
BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY
LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY
THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:

R.P.E.:

L.L.S.: P.S. No. 2000



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON
UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: MAY 11, 2012

OPERATOR'S WELL #: M-1671

API WELL #: 47 51 01572P
STATE COUNTY PERMIT

Well Type: ☐ Oil ☐ Waste Disposal ☐ Production ☐ Deep
☐ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

CANCELLED

WATERSHED: UNNAMED TRIBUTARY TO GRAVE CREEK ELEVATION: 1187.37'

COUNTY/DISTRICT: MARSHALL/LIBERTY QUADRANGLE: CAMERON, WV-PA 7.5'

SURFACE OWNER: DANIEL & DANIELLE LILLEY ACREAGE: 7.368±

OIL & GAS ROYALTY OWNER: ACREAGE:

DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☒
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY):

TARGET FORMATION: NONE ESTIMATED DEPTH:

WELL OPERATOR McELROY COAL COMPANY

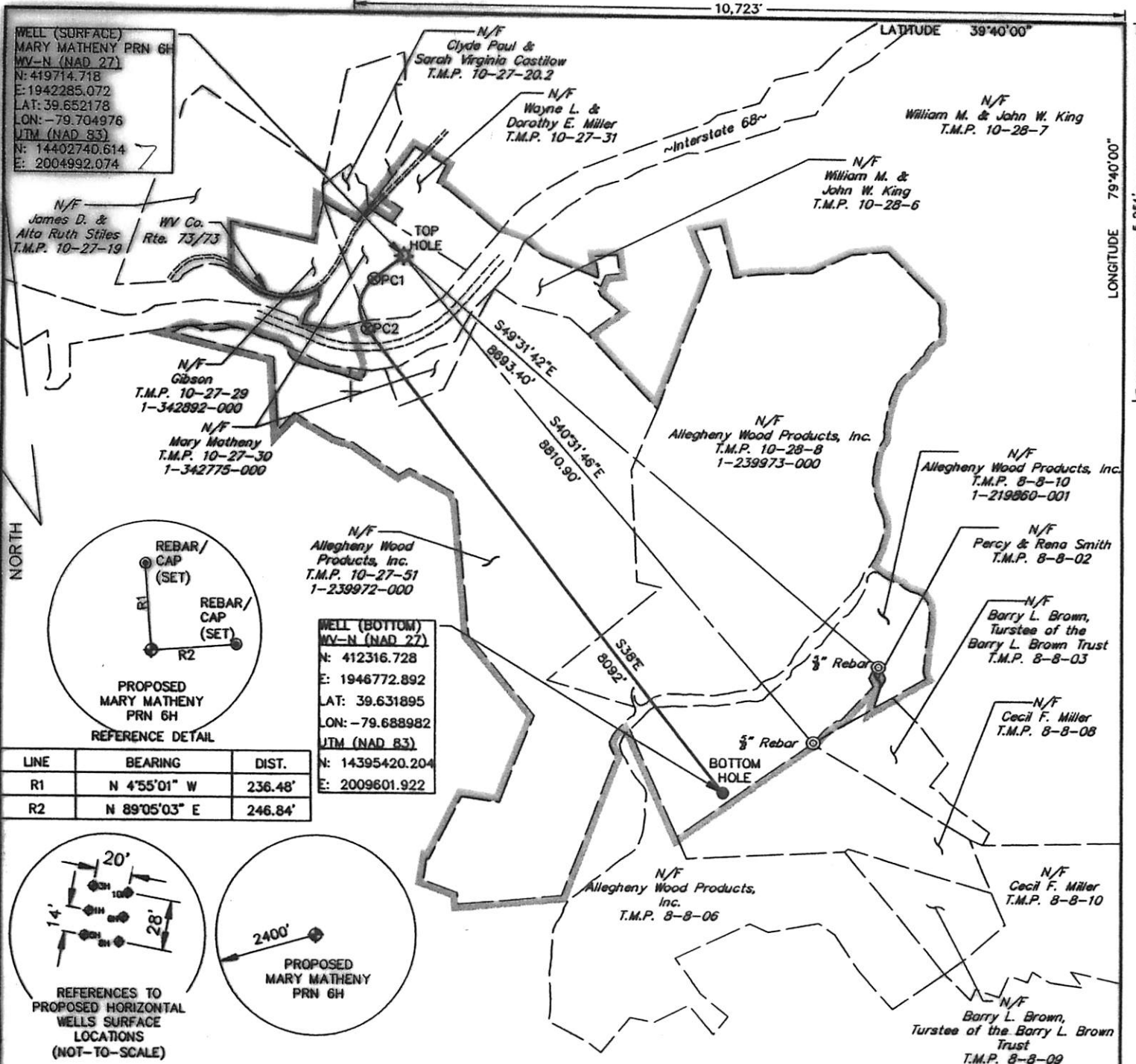
DESIGNATED AGENT MICHELE O'NEIL

Address 6126 ENERGY DRIVE

Address 6126 ENERGY DRIVE

City MOUNDSVILLE State WV Zip Code 26041

City MOUNDSVILLE State WV Zip Code 26041



NOTES:
1. THERE ARE NO DWELLINGS WITHIN 200' OF PROPOSED WELL.
2. PROPOSED WELL IS GREATER THAN 100' FROM THE MINERAL LINE.
3. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

POINT	WV-N (NAD 27)	WV-N (NAD 27)	UTM (NAD 83)
PC1	N: 419393.664 E: 1941874.672	LAT: 39.651294 LON: -79.706431	N: 14402412.812 E: 2004587.160
PC2	N: 418691.950 E: 1941788.601	LAT: 39.649367 LON: -79.706730	N: 14401709.905 E: 2004512.825

HRG
Engineering & Related Services

240 Scott Avenue, Suite 1
Morgantown, WV 26508
(304) 284-9222
Fax (304) 284-9223
hrg@hrg-inc.com
www.hrg-inc.com

FILE NO. R005092.0425
DRAWING NO. WELL 6H PLAT
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 : 2500
PROVEN SOURCE OF
ELEVATION GPS (SURVEY GRADE)

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) Timothy H. Kinder

R.P.E. _____ J.L.S. _____ 1969



STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE OCTOBER 2011
OPERATOR'S WELL NO. MARY MATHENY-PRN 6H
API WELL NO. _____

WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐
(IF "GAS,") PRODUCTION ☐ STORAGE ☐ DEEP ☐ SHALLOW ☒
LOCATION: ELEVATION 1763.50 WATERSHED: UNNAMED TRIBUTARY TO LAUREL RUN
DISTRICT: GRANT COUNTY: PRESTON
QUADRANGLE: BRUCETON MILLS
SURFACE OWNER: MARY MATHENY ACREAGE: ±51
OIL & GAS ROYALTY OWNER: SEE ABOVE TABLE LEASE ACREAGE: ±1251
LEASE NO. 1-342775-000
PROPOSED WORK: DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐
CLEAN OUT AND REPLUG ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: TVD=7663'/TMD=16120'
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC B. GILLESPIE
ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070
OKLAHOMA CITY, OK 73154-0496 CHARLESTON, WV 25301

COUNTY NAME _____
PERMIT _____

File name: C:\Civil 3D Projects\005092_0425\Plan Set\0050920425_6H PLAT.dwg Layout:PRN 6H PLAT Oct 10, 2011 3:44pm acdion FORM WV-6

J. MURRAY LEASE

80.50 ACRES±

WELL NO. 1

WELL NO. 1
STATE PLANE COORDINATES
NORTH ZONE (NAD '27)

N. 293,486
E. 1,901,530

LAT=(N) 39.30527
LONG=(W) 79.84798

UTM (NAD'83)

N. 4,351,297
E. 599,344

SHERLEY WOLFE
ET AL
45.386 ACRES±

JENNIFER BAYLOR
ET AL
58.272 ACRES±

JOHNNY MURRAY
59.58 ACRES±

DANNY SIGLEY ET AL
3.69 ACRES±

JOHNNY MURRAY
5.61 ACRES±

RICHARD TEETS
ET AL
5.65 ACRES±

MARIA HASKELL
5.46 ACRES±

PETER KRUKOWSKY
79.29 ACRES±

LOWELL LAREW
43.83 ACRES±

JOHN HARVEY
4 ACRES±

JOHN HARVEY
19.15 ACRES±

PAULA BAYLOR
1.5 ACRES±

DONALD KNOTTS
ET AL
2 ACRES±

THERE APPEAR TO BE NO
KNOWN PERMITTED WELLS
WITHIN 2400'.

WELL NO. 1

2400'

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08/18/11.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 581 PAGE 859.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF PRESTON COUNTY IN JULY, 2011.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

SLS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE FEBRUARY 09, 20 12

OPERATORS WELL NO. J. MURRAY #1

API WELL NO. 47-077-00592

STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6865P1R1 (346-73)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

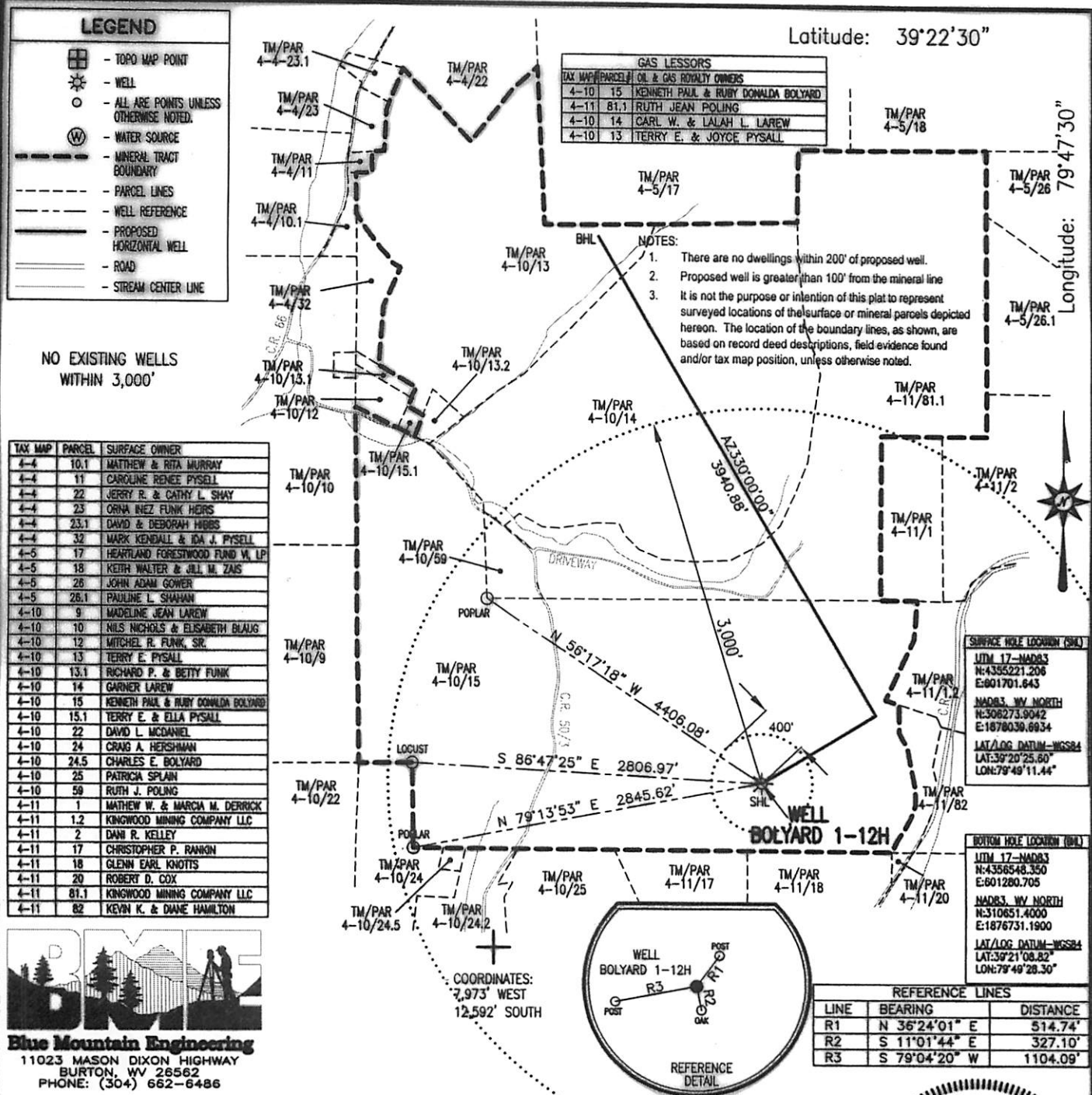
STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> INJECTION <input type="checkbox"/>	WASTE DISPOSAL <input type="checkbox"/>	IF "GAS" PRODUCTION <input checked="" type="checkbox"/>	STORAGE <input type="checkbox"/>	DEEP <input type="checkbox"/>	SHALLOW <input checked="" type="checkbox"/>
LOCATION: ELEVATION 1,573' WATERSHED TRIBUTARY OF LEFT FORK OF SANDY CREEK					
DISTRICT RENO		COUNTY PRESTON	QUADRANGLE FELLOWSVILLE 7.5'		
SURFACE OWNER JOHNNY MURRAY		ACREAGE 59.58±			
ROYALTY OWNER JOHNNY MURRAY		LEASE ACREAGE 84.27±			
PROPOSED WORK:		LEASE NO.			
DRILL <input checked="" type="checkbox"/>	CONVERT <input type="checkbox"/>	DRILL DEEPER <input type="checkbox"/>	REDRILL <input type="checkbox"/>	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION <input type="checkbox"/>
PERFORATE NEW FORMATION <input type="checkbox"/>		PLUG AND ABANDON <input type="checkbox"/>	CLEAN OUT AND REPLUG <input type="checkbox"/>	OTHER <input type="checkbox"/>	
PHYSICAL CHANGE IN WELL (SPECIFY)		TARGET FORMATION ELK			
		ESTIMATED DEPTH 5,880'			
WELL OPERATOR TEXAS KEYSTONE, INC.		DESIGNATED AGENT GREGORY A. SMITH			
ADDRESS 560 EPSILON DRIVE		ADDRESS P.O. BOX 150			
PITTSBURGH, PA 15238		GLENVILLE, WV 26351			

COUNTY NAME

PERMIT



FILE #: BOLDYARD 1-12H

DRAWING #BOLDYARD 1-12H

SCALE: 1" = 1200'

MINIMUM DEGREE

OF ACCURACY: 1/2500

PROVEN SOURCE

OF ELEVATION: U.S.G.S. MONUMENT
THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS
PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND
BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY
LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY
THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:

R.P.E.:

L.L.S.: P.S. No. 2000

(+) DENOTES LOCATION OF WELL ON
UNITED STATES TOPOGRAPHIC MAPS
WVDEP

OFFICE OF OIL & GAS

601 57TH STREET

CHARLESTON, WV 25304

Well Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: LEFT FORK

ELEVATION: 1614.00'

COUNTY/DISTRICT: PRESTON / RENO

QUADRANGLE: FELLOWSVILLE, WV 7.5'

SURFACE OWNER: KENNETH PAUL & RUBY DONALDA BOLDYARD

ACREAGE: 270.50±

OIL & GAS ROYALTY OWNER: SEE ABOVE GAS LESSORS CHART

ACREAGE: 559.90±

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☐
PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐
CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY):

TARGET FORMATION: MARCELLUS

ESTIMATED DEPTH: TVD: 8,150.0'± TMD: 12,576.5'±

WELL OPERATOR: ENERPLUS RESOURCES (USA) CORPORATION

DESIGNATED AGENT: TERRY STAMPER

Address: 333 TECHNOLOGY DRIVE, SUITE 255

Address: 5400 D BIG TYLER ROAD

City: CANONSBURG State: PA Zip Code: 15317

City: CHARLESTON State: WV Zip Code: 25313

ROBINSON LEASE

1,100 ACRES±

WELL NO. WV 510879

WELL NO. WV 510879
STATE PLANE COORDINATES
(NORTH ZONE)

N. 375,742
E. 1,699,744

LAT=(N) 39.526749
LONG=(W) 80.564467

ENZIE L. WYATT
42 ACRES±

DALLISON
TIMBERLANDS, INC.
879.30 ACRES±

WELL NO. WV 510879

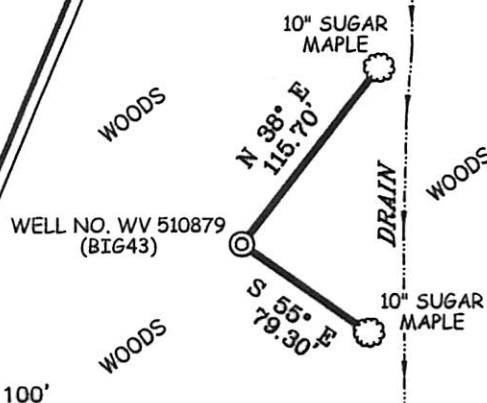
OLD FENCE IN
STUMP, FOUND

EDDIE & KIM
DALLISON
56.7 ACRES±

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04/02/07.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 285 PAGE 345.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN JULY, 2006.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



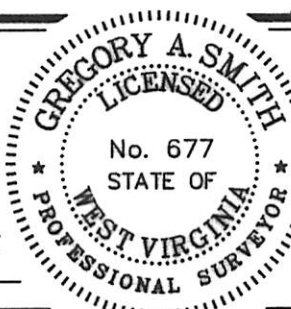
WELL NO. WV 510879

72395

SLS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE APRIL 30, 20 07

OPERATORS WELL NO. WV 510879

API WELL NO. 47-103-02293
STATE CANCELLED COUNTY PERMIT

MINIMUM DEGREE
OF ACCURACY

1 / 200

FILE NO. 6243P510879 (232-36)

SCALE 1" = 500

PROVEN SOURCE
OF ELEVATION

DGPS (SUBMETER MAPPING GRADE)

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ IF "GAS" PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒

LOCATION:

ELEVATION 964' WATERSHED TRIBUTARY OF FALLEN TIMBER RUN

DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'

SURFACE OWNER DALLISON TIMBERLANDS, INC.

ACREAGE 879.30±

ROYALTY OWNER ED BROOME, INC., ET AL

LEASE ACREAGE 1,100±

PROPOSED WORK:

LEASE NO. 104225

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD

FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐ OTHER ☐

PHYSICAL CHANGE IN WELL (SPECIFY) 4TH SAND TARGET FORMATION 4TH SAND

ESTIMATED DEPTH 3,150'

WELL OPERATOR EQUITABLE PRODUCTION COMPANY

DESIGNATED AGENT L. TODD TETRICK

ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

COUNTY NAME
PERMIT